

SEDLAK, B.; KRATKY, Zd.

Apparatus for removal of insulation from telephone wires. Sdel
tech ll no.10:396-397 0 '63.

KRATMAN, A.B.; SOLNTSEVA, L.V.

Standards for containers and packaging. Standartizatsiia 27 no.1:
40-41 Ja '63. (MIRA 17:4)

24

B KRATMAN, A. I.

Processes and Properties of Metals

Common Elements

Common Variables Index

Welding Couplings with Channels for Hydraulic Testing of Joints. (In Russian.) A. I. Kratman. *Avto-gennoe Delo (Welding)*, no. 1, 1947, p. 30.

Design arrangement to make possible the above type of test is described and illustrated. This is especially useful for determining the quality of welds in high-pressure vessels.

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

RESEARCH CENTER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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KRATMAN, A. I.

29063 - Universal'nye Prispособleniya Dlya Obrabotki Setuley "a Karusel'nykh
Stankakh Stanki i Instrument, 1949, No. 9, s. 19-21

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

✓ Determination of the best conditions for conservation of beets in order to reduce the sugar losses and to maintain the output value. Aleksander Krasnicki. *Prac. Inst. i Lab. Rolniczych Przemysłu Rolnego i Spójności* 5, No. 1, 1-7 (1956).--Beets stored in unprotected and untreated heaps had an av. sugar loss of 0.0145%/day. The side exposed to the wind showed losses of 0.0183%/day; the side unexposed to wind, losses of 0.0127%/day. Sprayed beets stored in ventilated heaps showed an av. sugar loss of 0.0169%/day, with sharp difference between beets exposed to wind (0.0340%/day) and those unexposed to wind (0.0039%/day). Heaps covered on the wind side and ventilated have shown the av. loss of 0.0127%/day. Beets on the wind side (protected) had loss of sugar of 0.0090%/day, while the side unexposed to wind (but not covered) had losses of 0.0174%/day. Beets surface sprayed with Ca(OH)₂ of concn. of 20% and completely covered and ventilated in stack had an av. sugar loss of 0.0080%/day.

Adam J. Pikor

^{A.}
KRATOCHVIL, KRATKY, R.

"Plastic PVC leathers in the shoe industry."

p. 152 (Kozarstvi) Vol. 6, no. 8, Aug. 1956.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

KRATCCHVIL, A.

Standardization PVC sheets and plastic leather abroad. p. 18.
(VYNALEZY A NORMALISACE, OCHRANNE ZNAMKY, CHRANENE VZORY. Vol. 1, no. 1, July
1957, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

KRATOCHVIL A

Country : CZECHOSLOVAKIA.
Language : Russian. Technology, Chemical Products and
Their Applications, Synthetic Polymers.
Abstr. Jour : Ref. Zhur. - Khim., No. 10, Elastic.
1959, 36937.
Author : Kratochvil A.
Instit. : Not given.
Title : Two-colored and Multicolored Plastics from
Polyvinylchloride.
Orig. Pub. : Chem. Průmysl, 1958, 8, No. 7, 390.
Abstract : Briefly there is described a production of
two-colored and multicolored artificial
leather, linoleum and films from polyvinyl-
chloride. The two-colored film is accom-
plished by the imposition on the film of a
basic material of rimented paste (a sus-
pension of polyvinylchloride and plasticizer)
and subsequent gelatinization thereof
at high temperatures. This method completely
excludes the application of organic solvents.
The articles, prepared according to new tech-
nology, are distinguished by high resistance

Card: 1/2

Jewelry :
Category :
Auth. Cont. :
Author :
Institute :
Title :

Orig. Subj. :
Abstract : to wear and by longevity. The advantages
of the application of the indicated methods
were submitted.--L. Sadyr

Doc: 2/1-

U-157

GOUSHKA, K.; KRATON^CHIVIL, B.

Bank control over wage fund disbursements in Czechoslovakia.
Den.1 kred. 18 no.5:36-40 My '60. (MIRA 13:5)
(Czechoslovakia--Banks and banking)
(Czechoslovakia--Wages)

KRATOCHVIL, B.

Small hydraulic turbo-sets. p. 29.

CZECHOSLOVAK HEAVY INDUSTRY. Prague, Czechoslovakia. No. 8, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

KRATOCHVIL, F.

Kratochvil, F.

Those who completed the harvest on time have won, those who were late have lost.
p. 217.

Vol. 5, no. 12, June 1955
MECHANISACE ZEMEDILSTVI

SO: Monthly List of East European Accession, (EEAL), IC, Vol. 4, No. 9,
Sept. 1955, Uncl.

KRATOCHVIL, Fr
BCS

*Manufacturing Processes
Jacks, Kilns, Lining*

992. Saving fuel by better heat insulation.—F. KRATOCHVIL (Slavia, 28, 252, 1950). A general discussion of the importance of heat insulation is reported. Nationalization (by splitting the nationalized producers from the nationalized distributors) has made it impossible for the producer of insulating material to advise as to its use, as is so very necessary to obtain the best results in this field. The need for better utilization of the diatomite from S. Bohemia is emphasized.

KRATOCHVIL, Frantisek, inz.

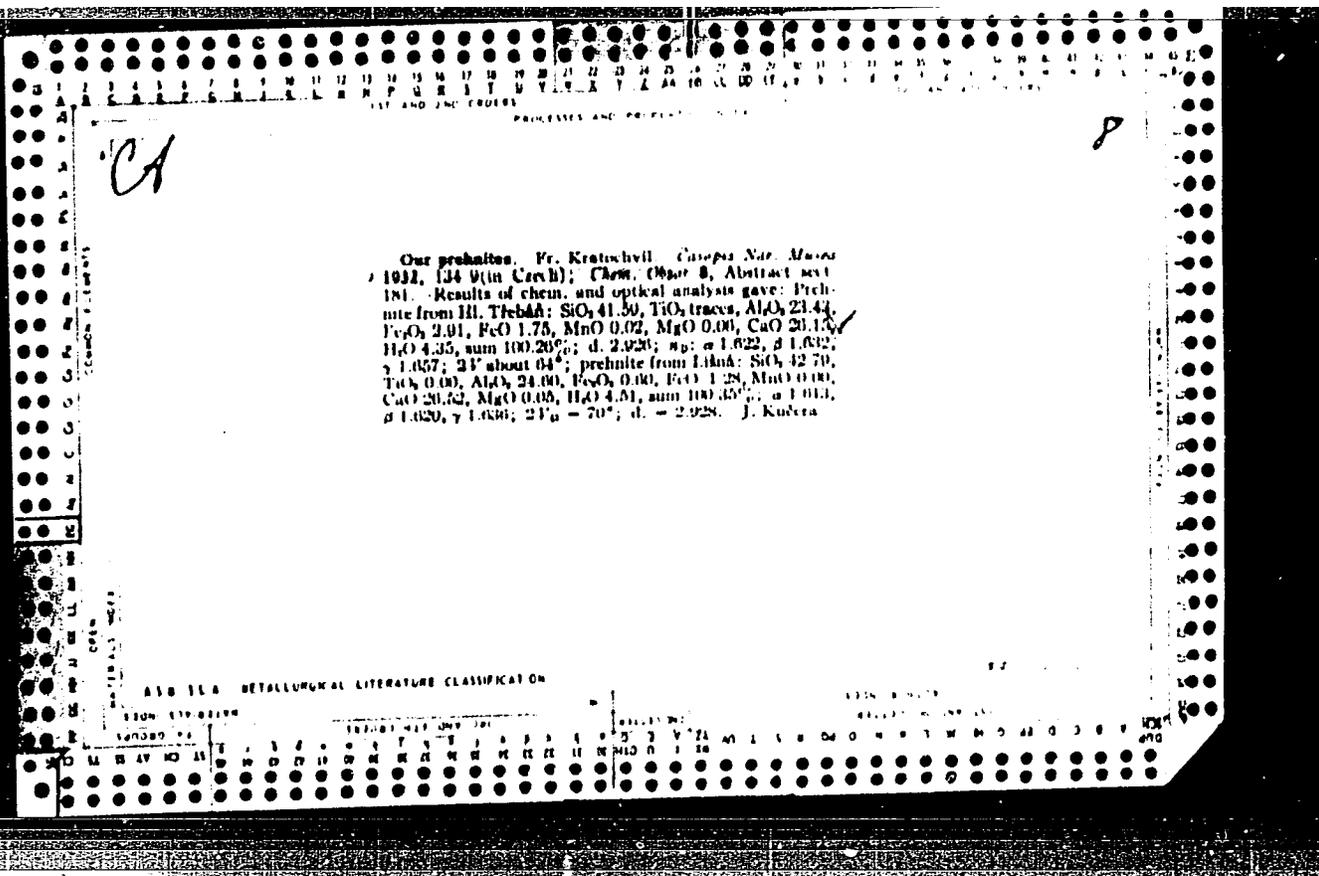
Use of fibrous insulation materials in building. Stavivo 41
no.9:317-319 S'63.

1. Stavebni izolace, n.p., Praha.

KRATOCHVIL, F., inz.

Insulation materials for private houses. Stavivo 42
no. 3:88 Mr '64.

1. Statni izolace National Enterprise, Prague.



137 AND 138 ORDERS

PROCESSES AND PROPERTIES INDEX

CA

Bohemian prehnite and zeolites. Fr. Kratochvíl. *Cesopis Ndr. muses* 1933, 1-9; *Chem. Abstr* 10, Abstract sect. 2.—Prehnite, analcite, natrolite and thomsonite are chemically and physically treated. J. Kufěra

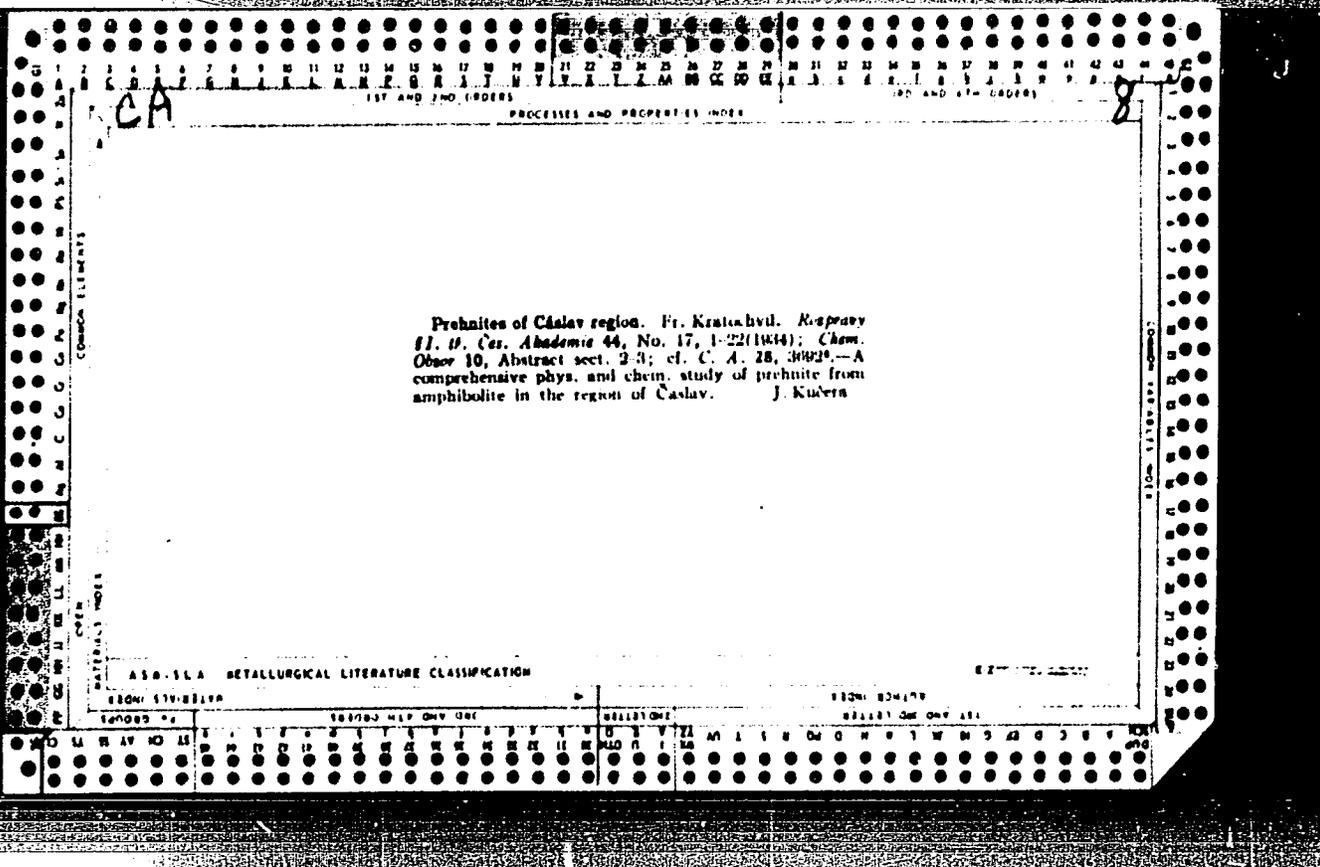
COMMON ELEMENTS

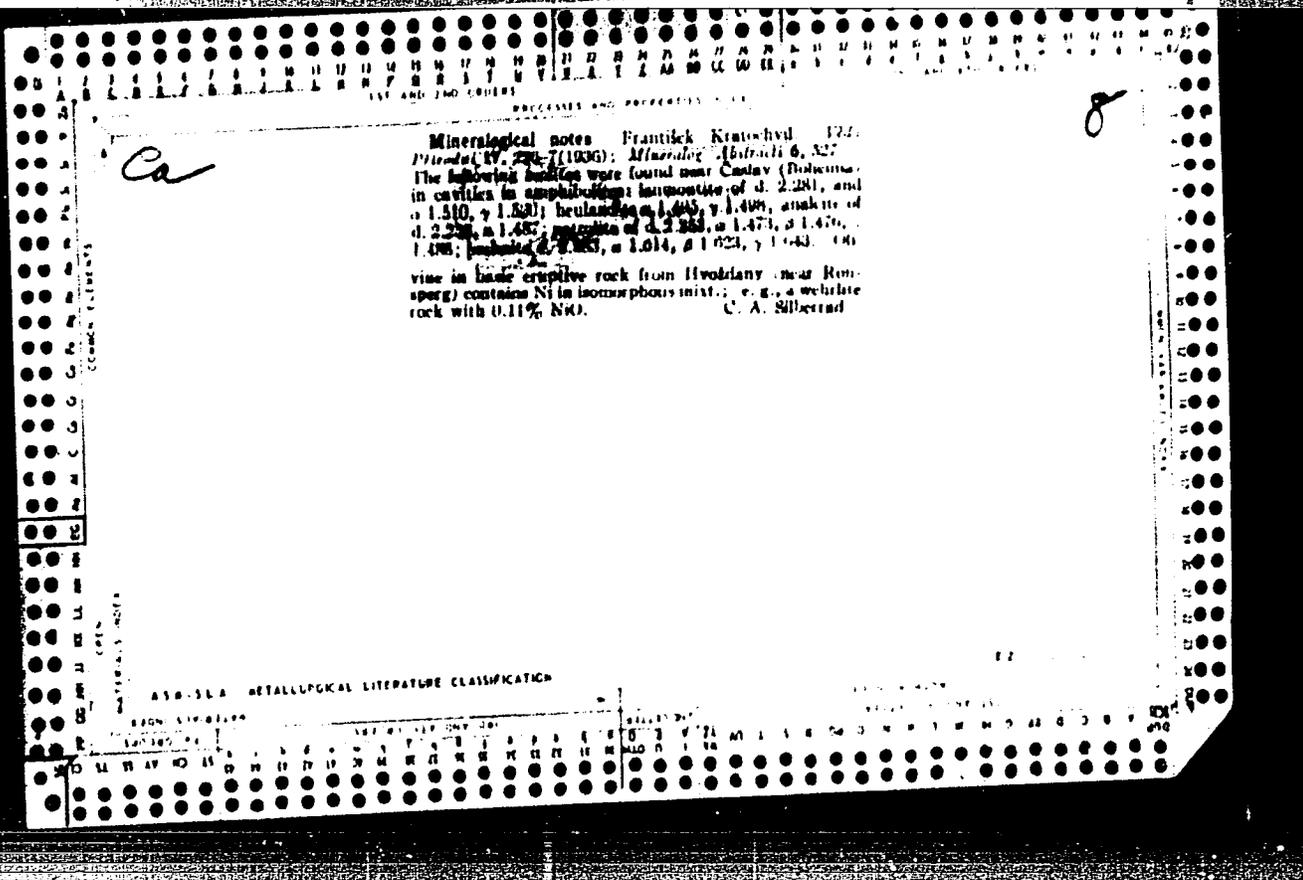
MATERIALS INDEX

ASM-31A METALLURGICAL LITERATURE CLASSIFICATION

139 AND 140 ORDERS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PROCESSES AND PROPERTIES IN IT

The petrographic and metallogenic conditions in the copper deposits at Mutěnsko in the Český Les (Bohmerwald), F. C. Krasnojarsk. *Abstracts of the 1st International Conference on Copper Deposits*, Prague, 1967, p. 146-50 (1967) (French summary). *Chem. Abstr.* 62:14, Abstract 183. Microscopic and chemical analyses of minerals found in crevasses passing through chloritic-schistose phyllites contg. biotitic limestones show the presence of chalcopyrite, bornite, chalcocite, bornite and the oxidation products malachite, linnetite $Cu_2(OH)_2CO_3$, and lampadite as well as the accompanying dolomite and calcite deposited upon young quartz. The formation of the minerals is traced upon a mineralogical map.

Frank Mareš

ASB 524 METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

PROCESSES AND PROPERTIES INDEX

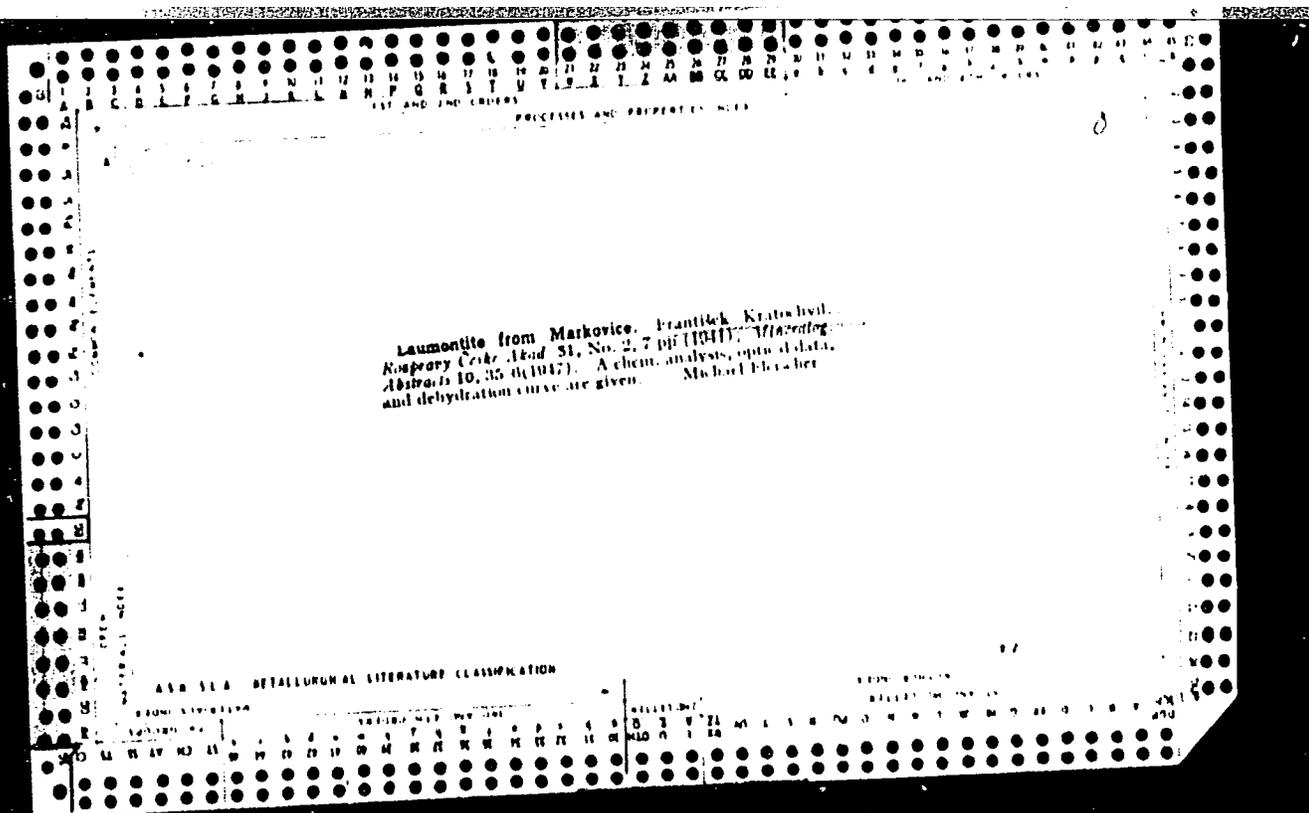
CA

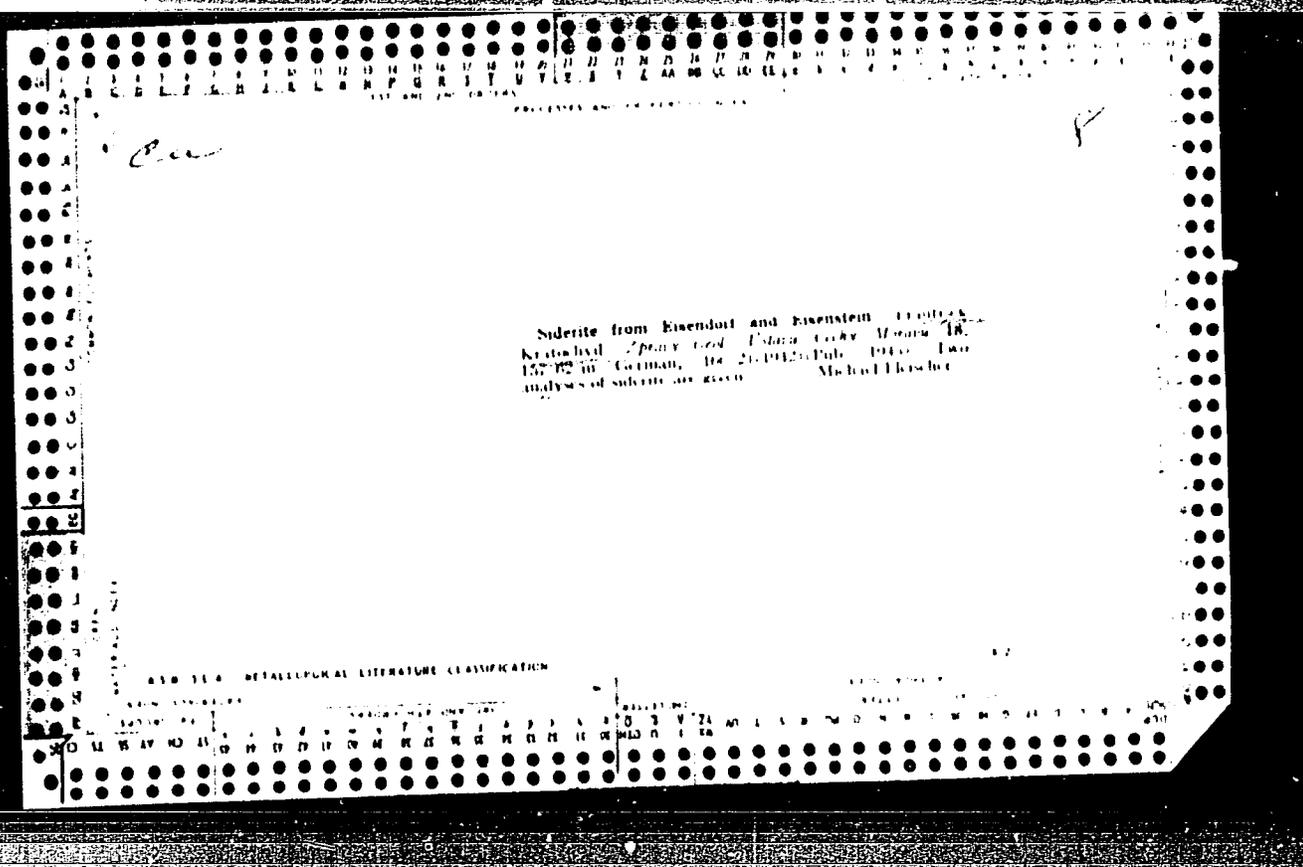
8

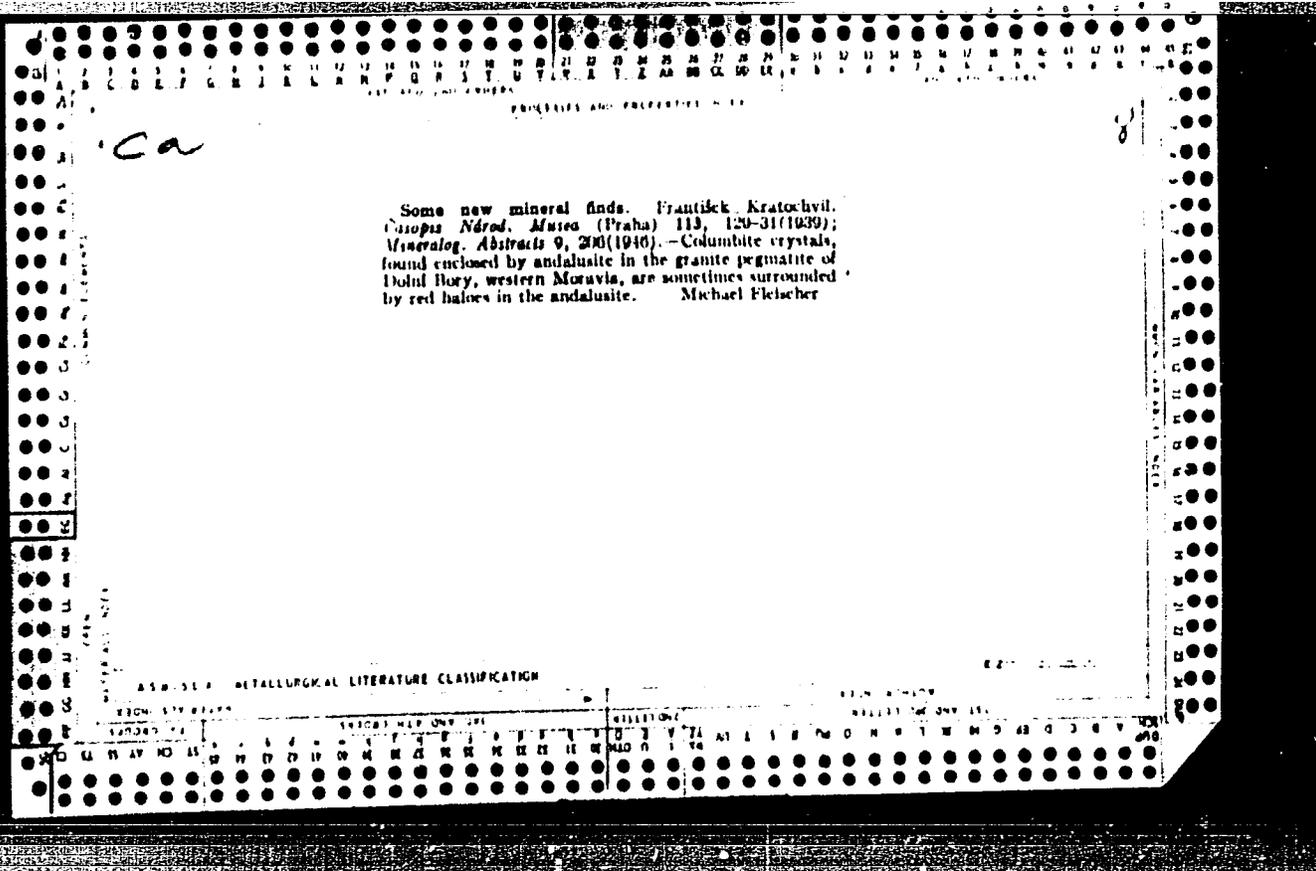
Siderite ore from Nucic. Frantisek Kratochvil. *Vestník Státního Geol. Ústavu Českoslov. Rep.* 13, 266 (1937); *Chem. Zentr.* 1939, I, 1320. — The d. of the ore is 3.36. Its chem. compn. is siderite 66.93, CaCO₃ 10.46, MgCO₃ 9.83, MnCO₃ 0.02, colophonite 1.89, pyrite 0.37, insol. residue 7.62, Al₂O₃ 1.21, Fe₂O₃ 1.32 and H₂O + CO₂ 0.71%.
M. G. Moore

MINERALOGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100







KRATOC HVIL, FRANTISEK

Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Mineralogical and Geological Chemistry

The old silver mines at Mlýnský Borek in South-West Bohemia. Frantisek Kratochvil. Stavnik Ustedi. Ustavu Geol. 19, 37-41 (1953) (English summary).—The old mining of Ag and Au is discussed on the basis of a geol. survey and a study of archive sources. H. Newcombe.

27
Smith - 100

Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Mineralogical and Geological
Chemistry

KRATOCHVIL, Frantisek

The occurrence of Perovskite in the
Frankfurt-Kratochvil area of the Bohemian Massif
285-0011000 (English summary) - The process of crystalliza-
tion (transformation to talc) can be seen in the perovskite.
11-1-1954

KRATOCHVIL, FRANTISEK

Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Mineralogical and Geological Chemistry

12
Rocks and ore occurrence near Pláňická east-south-east
* Klatovy. František Kratochvíl. *Sborník Ústřed. Ústavu
Geol.* 19, 311-20(1952)(English summary).—The rocks
and the Pb and Cu ores are described. The ores cannot be
mined economically. H. Newcombe

EH
9-16-54

2

Chemical Abst.
Vol. 48 No. 4
Feb. 25, 1954
Metallurgy and Metallography

Some minerals in the granitic pegmatites between Pobeřovice and Domažlice, Bohemia. František Kratochvíl. *Sborník Ústředního Ústavu Geol.* 19, 321-8(1952)(English summary).—Chem. analyses of the manganapatite, tourmaline, and clinozoisite are given. The rare occurrence of galena and metatorbernite is noted. H. Newcombe

EH 6-11-54

KRATOCHVIL, FRANTISEK

Chemical Abst.

Vol. 48 No. 3

Feb. 10, 1954

Mineralogical and Geological Chemistry

New occurrences of autunite and torbernite in Bohemia.
Frantisek Kratochvil. *Sbornik Ústřed. Ústavu Geol.* 19,
329-35 (1952) (English summary).—The occurrence of U
minerals in some Sn deposits is reported. Pitchblende, zip-
pelite, autunite, torbernite, and zeunerite were found.
The probable identity of torbernite and metatorbernite is
suggested.
H. Newcombe

EH
9-15-54

KRATOCHVIL, F.

Specimens of the structures of some of the ore veins of Příbram. p. 16.
(Vestník, Vol. 32, no. 1, 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

KRATCCHVIL, F.

"Iron ore mining methods used in old times in Zezicky in the Pribram region and in the Brdy Mountains."

p. 23 (Central Geologic Institute, Czechoslovak Academy of Sciences) Vol. 33, no. 1, 1958

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

KRATOCHVIL, FRANTISEK

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Central Geological Institute (Ustredni ustav geologicky), Prague

Source: Prague, Caseis pro Mineralogii a Geologii, Vol VI, No 3, 1961,
pp 250-254.

Data: "Profile of the Rock Wall Near Libcice nad Vltavou."

Authors: CINIBURK, Miroslav

KRATOCHVIL, Frantisek

7

Prague, Carolis and Mineralogii Bohemosil., Vol VII, No 2, 82 (continues)

13. "Contribution to the Geopetrographic Mineralogy of the Area Around Kutna Hora. Part 2. "Mikrogeologie of the Chair of Petrography (Mikrogeologie)", Česká Univerzita, Praha pp 199-201.

14. "Geological Results of Drill Hole in the Bed of the Cerekva Seam in the Cechava-Bohemian Basin," Věstník Ústředního úřadu geologie, pp 202-203.

15. "Hydrochemical Characteristics of Water in the Slovak Young Tertiary District," pp 204-205.

16. "Notes on Several Bohemian Ore Mining Areas," Průmyslová geologie, pp 206-207.

17. "Altered Pyroxides in Pegmatites," Průmyslová geologie, pp 208-215.

18. "Rock Carving Near Svatovítska and Horní Slavkov in Jizerské Hory Mountains," Časopis geologický pp 216.

19. "Find of Diabyrocarbia Somer, 1913 (Pachylocarbia) in the Upper Cretaceous Carboniferous Formation (Mikulov L)," Alta Praha of the Institute of Mines (Hornický ústav), ČMÚ, Železná Ruda pp 217-220.

20. "Find of Minerals of the Alpine Mineral Association Near Koroňce in the Vicinity of Jizerské Hory," Průmyslová geologie, pp 221-222.

21. "Epidiopyroxite and Saponite in the Pegmatite Deposits of the Svatovítska Mountains, Jizerské Hory," Průmyslová geologie, pp 223-224.

22. "Biotite of Václavské Lázně, Karlín, Adolf von Hoffmann, Constant Frensch, Rudolf Frensch, Hermann Frensch, Rudolf Frensch, and Wilfried Frensch," Průmyslová geologie pp 225-235.

23. "Second Conference on Tertiary Mineralogy and Petrography," Průmyslová geologie pp 236-239.

24. "Scientific Birthday of Professor Jiri Šulc, Doctor of Natural Sciences," Průmyslová geologie pp 240-241.

KRATOCHVIL F.

KRATOCHVIL, Frantisek

Ore mining in the Mirovice area in the past. Cas mineral
geol 8 no.1:94-98 Ja '63.

CZECHOSLOVAKIA

KRATOCHVIL, F.

Prague, Casopis pro mineralogii a geologii, No 3, 1963,
pp 287-288

"Diggings in Antimony and Gold near Sestroun North of
Sedlcany."

KRATOCHVIL, Frantisek

Old gold mines near Bojov, south-southwest from Prague. Cas min
geol 9 no. 1:85-87 '64.

1. Ustredni ustav geologicky, Praha.

KRUPČIČEK, František

Galenite and gold prospecting in Horní Lhazice, southeast from
Příbram. Časopis geol 9 no.2:193-202 1964.

1. Central Geologic Institute, Prague.

CZECHOSLOVAKIA

KRATOCHVIL, F.

Central Geological Institute (Ustredni ustav geologiccky),
Prague,

Prague, Casopis pro mineralogii a geologii, No 1, 1964, pp 85-
87

"Abandoned Gold Mines near Bojov SSW of Prague."

CZECHOSLOVAKIA

KRATOCHVIL, F.

Central Geological Institute (Ustredni ustav geologicky),
Prague

Prague, Časopis pro mineralogii a geologii, No 2, 1964, pp
193-201

"Working of Galena and Gold at Horni Lisnice South East of
Pribram."

KRATOCHVIL, F., Inz.

From the discussions of the 5th BRP... congress. Staviv
43 no.1:37-38. '65.

JURCA, F.; DOLEZAL, B., prof., inz., dr.; KRATOCHVIL, F., inz.;
POLANSKI, B., prof., inz., dr.; POLENO, Z., inz.; TRUNEC, F., inz.;
ZAKOPAL, V., inz.; SCHWARZ, J., inz.

Discussion on the gradual shelterwood cutting system. Les cas
9 no.4/5:497-500 '63.

1. Lesnicka fakulta, Vysoka skola zemedelska, Brno (for Dolezal and Polansky).
2. Lesni zavod Petrohrad; poslanec Narodniho Shromazdeni (for Jurca).
3. Lesni zavod Kacov (for Kratochvil)
4. Lesnicko-technicka skola, Trutnov (for Poleno).
5. Podnikove reditelstvi Statnich lesu Teplice (for Trunec and Schwarz).
6. Vyzkumny ustav lesniho hospodarstvi a myslivosti (for Zakopal)

MILES, F.T.; WILLIAMS, Clarke; KRATOCHVIL, Gabriel, inz. (translator)

Liquid metal-fuel reactor. Jaderna energie 3 no.1:18-25 Ja '57.

1. Brookhaven National Laboratory (for Miles and Williams).

KRASIN, A.K.; DUBOVSKIJ, B.G.; DOILNICHYN, E.Ja.; MATALIN, L.A.; KAMAJEV, A.V.;
LANGOV, M.N.; KRATOCHVIL, G., in2. [translator]

Examination of physical properties of a nuclear reactor of an electric
power plant. Jaderna energie 3 no.2:33-38 F '57.

WENT, J.J., dr.; KRATOCHVIL, G., [translator]

Program of the development of power reactors in Netherlands. Jaderna energie 3 no.2:51-55 F 157.

1. Vyzkumny Laboratore Kema, Arnhem (for Went).

LEYSE, C.F.; KRATOCHVIL, G., inz. [translator]

An automatic boiling-column reactor. Jaderna energie 3 no.3:85-87 Mr
157.

LAPTEVA, F.S.; ERGIER, B.V.; KRATOCHVIL, G., inz. (translator)

Dispersion of metals by fission fragments of nuclei. Jaderna energie
3 no.5:156-158 My '57.

KRATOCHVIL, G., inž.

News in nuclear physics. Jaderna energie 3 no.5:158-159 My '57.

SPICYN, V.I.; LAVRUCHINA, A.K. (Lavrukhina, A.K.); KRATOCHVIL, G., inz.
(translator)

Use of nuclear energy in Czechoslovakia. Jaderna energie 3 no.8:
253-254 Ag '57

KRATOCHVIL, Gabriel

List of abbreviations used for nuclear reactors and for Associations, institutes and reports from the field of nuclear research and nuclear energy. JADERNA energie 3 no.10:311-316 0 '57.

1. Ustav jaderne fysiky, Praha.

KRATOCHVIL, G.

International symposium of macromolecular chemistry in
Prague on the problem of using the radioactive radiation.
Jaderna energie 4 no.1:28 Ja '58.

KRATOCHVIL, Gabriel

Element californium 254 and supernovae. Jaderna energie 4
no.6:169 Je '58.

KRATOCHVIL, G.

A machine for maintenance of the reactor in the nuclear power plant in Hunterstone. Jaderna energie 6 no.9:313-314 S '60.

KRATCCHVIL, G.

Production of uranium oxides in France. Jaderna energie 6 no.9:
314-315 S '60.

KRATOCHVIL, G.

Fuel elements of nuclear reactors. Jaderna energie 6 no.11:390-391 N '60.

KRATOCHVIL, G.

Particular features of the development of nuclear power in France, and the French-Belgian underground reactor. Jaderna energie 8 no.3:101-105 Mr '62.

KRATOCHVIL, G.

Information center for nuclear energy in the Nuclear Research
Institute of the Czechoslovak Academy of Sciences in Rez.
Jaderna energie 8 no.7:259 JI '62.

KRATOCHVIL, G.

"Principles of the chemical technology of artificial radioactive elements" by Ja.I. Zilberman. Reviewed by G. Kratochvil.
Jaderna energie 8 no.8:267 Ag '62.

KRATOCHVIL, G.

Delay in the construction of nuclear power stations in the
German Federal Republic. Jaderna energie 8 no.10:376
0 '62.

KRATOCHVIL, G.

Program of the Third Geneva Conference on the Peaceful Use
of Atomic Energy. Jaderna energie 9 no. 12:402-403 D '63.

KRATOCHVIL, G.

New international decimal classification for atomic science
and technology. Jaderna energie 10 no. 2: Supplement:
insert F '64.

KRATOCHVIL, I.

Epidemics of infectious hepatitis in the Kosice region. Lek. obzor 2 no.3:
176-179 Mar 1953. (GLML 24:5)

KRATOCHVIL, I., KHES, Kosice

Protective zones of water wells. Lek. obsor 3 no.7-8:448-451 1954.

1. Z KHES, Kosice
(WATER SUPPLY
protective zones of wells)

KRATOCHVIL, Ivan, MUDr.

Organization of antimalarial measures in the region of Kosice.
Cesk. epidem. mikrob. imun. 6 no.2:95-101 Mar 57.

1. Krajska hygienicko-epidemiologicka stanica, Kosice;
riaditel MUDr. Ivan Kratochvil.
(MALARIA, prev. & control
in Czech., organiz. (Cz))

TARABCAK, M.; KRATOCHVIL, I.; GASPAROVA, K.

Importance of atypical Corynebacteria in etiology of upper respiratory infection. Cesk. pediat. 12 no.3:241-246 Mar 57.

1. KHES Kosice, riaditel MUDr. I. Kratochvil Detska klinika LFUK Kosice, prednosta doc. MUDr. F. Demant.

(RESPIRATORY TRACT, infect.

upper tract, etiol. role of atypical Corynebacteria (Cz))

(CORYNEBACTERIUM, infect.

upper resp. tract, role of atypical Corynebacteria (Cz))

1.
KRATOCHVIL, L.; TARABCAK, M.

The water supply as a factor in the epidemiology of dysentery. Cesk. epidem. mikrob. imun. 7 no.4:271-275 July 58.

1. Krajska hygienicko-epidemiologicka stanice, Kosice.
(DYSENTERY, BACILLARY, transmission
infected water supply, epidemiol. (Cz))
(WATER SUPPLY, microbiology
Shigella flexneri causing epidemic of bacillary dysentery
(Cz))

⁶⁴
KRATOKHIVIL', I. [Kratochvil, J.]

Best methods for supplying the rural population with water. Fig. 1
san. 23 no.2:90 F '58. (MIRA 11:4)
(CZECHOSLOVAKIA--WATER SUPPLY, RURAL)

KRATOCHVIL, I.

MITTERMAYER, T.; KRATOCHVIL, I.

Brill-Zinsser disease in the Kosice region. Cas. lek. cesk. 97 no.11:
337-341 14 Mar 58.

1. Infekcne oddelenie KUNZ Kosice; prednosta T. Mittermayer a KHM
Kosice; riaditel: I. Kratochvil.

(TYPHUS, epidemiol.

Brill's dis. in Czech. (Cz))

KRATOCHVIL, I.

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Uncl.

TARABCAK, M.; KRATOCHVIL, I.; BAUER, V.

Laboratory identification of *Escherichia alcalescens*. Cesk. epidem.
mikrob. imun 8 no.3:173-177 May 59.

1. Krajska hygienicko-epidemiologicka stanica v Kosiciach.
(*ESCHERICHIA*,
alcalescens, laboratory identification (Cz))

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Occurrence of Salmonella in the Kosice region. Cesk. epidem.
mikrob. imun. 8 no.4:239-244 July 59

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vedecky veterinarsky ustav, Kosice.
(SALMONELLA INFECTIONS, epidemiol.)

KRATOCHVIL, I.; TARABCAK, M.; BAUER, W.

Epidemiological importance of *Escherichia alkaliescens*. Cesk.
epidem. mikrob. imun. 8 no.4:245-250 July 59

1. Krajska hygienicko-epidemiologicka stanica v Kolicich.
(*ESCHERICHIA*, infect.)
(GASTROINTESTINAL SYSTEM, infect.)

KRATOCHVIL, Ivan, MUDr.

Hygienic aspect of waste water from mines and metallurgical plants in the East Slovakia Region. Rudy 10 no.5:157-160
My '62.

1. Krajsky hygienik, Kosice.

KRATOCHVIL, I.; HALASA, L.

Forensic bases of the hygienist's activities. Cesk. hyg. 8 no.1:
58-61 F '63.

1. KHES Kosice — Krajsky sud Kosice.
(JURISPRUDENCE) (HYGIENE)

KRATOCHVIL, I.

Hygienic problems of the construction of eastern Slovakia iron and steel works. Cesk. hyg. 9 no.7:365-387 Ag '64.

1. Krajska hygienicko-epidemiologicka stanica Vychodoslovenskeho Krajskeho narodniho vyboru, Kosice.

FR. CHANKA, M.; DEMANT, F.; MITTERMAYER, T., KRATOCHVIL, I.; TARABCAK, M.
STREŠKA, A.

Erythema nodosum in an epidemic of gastroenteritis. Cesk. ped.
20 no.12:1076-1079 D ' 65.

1. Klinika infekčních nemocí fakulty lékařství Karlovy
Univerzity v Praze (prednosta - prof. dr. J. Kratochvíl); Česka
klinika lékařské fakulty University P.J. Šafaríka v Koscich
(prednosta - prof. dr. F. Demant); Infekční oddelení fakultní
nemocnice v Koscich (vedoucí - MUDr. T. Mittermayer); Krajská
hygieničko-epidemiologická stanice v Koscich (reditel - MUDr.
I. Kratochvíl).

CZECHOSLOVAKIA

KRAMCOHVIK, I.

Kraj Hygienic-Epidemiological Station of the East Slovakian
KVV (Krajská hygienicko-epidemiologická stanica
Východoslovenskeho KVV), Košice

Prague, Ceskoslovenska Hygiene, No 7, 1964, pp. 385-387

"Hygienic Problems of the Construction of East Slovakia
Iron and Steel Works."

CZECHOSLOVAKIA UDC 616.594-008.9(546.19)-057-074:613.632

PORAZIK, Ivan; LEGATH, Vladimir; PUCHA, Katarina; KRATOCHVIL, Ivan; Krajska Station of Hygiene and Epidemiology, of the Kraj of East Slovakia (Krajska Hygienicko-Epidemiologicka Stanica Vychodoslovenskeho Kraja), Kosice, Director (Riaditel) Dr I. Kratochvil.

"Evaluation of Exposure to Arsenic Trioxide in Working Environment by the Determination of Arsenic Content in Hair."

Prague, Pracovni Lekarstvi, Vol 18, No 8, Oct 66, pp 352-356

Abstract [Authors' English summary modified]: 21 workmen in a copper-producing plant exposed to an atmosphere containing 1.01 to 5.07 mg of As_2O_3 per cubic meter had a mean arsenic content of hair of 178 micrograms per gram. A group of workers in another plant exposed to concentrations of 0.08 to 0.18 mg/ cubic meter of arsenic trioxide had a mean arsenic concentration in hair of 56.6 micrograms per gram. Unexposed workers had a mean hair content of 0.149 micrograms per gram. The exposure time has little influence on the content of arsenic in the hair, but the amount in the air is most important. The workers did not suffer from clinical arsenic poisoning. 3 Tables, 5 Western, 3 Czech, 2 1/1 East German references. (Manuscript received 20 Aug 65).

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L 64630-65 EWA(c)/EWP(b)/T/EWP(t) JD

ACCESSION NR: AP5006833

CZ/0055/65/015/002/0104/0110

AUTHOR: Kratochvil, J.

TITLE: Frenkel model of a pair of dislocations

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 2, 1965, 104-110

TOPIC TAGS: crystal dislocation phenomenon, nonmetallic inclusion, shear stress, atomic structure, crystal structure

ABSTRACT: A graphic method described by the author in another paper (*Czech. J. Phys.* B 15 [1965]) is used to study a pair of dislocations. The "atoms" in the Frenkel model of a crystal (see fig. 1 of the Enclosure) must satisfy the equations of equilibrium $(u_{k+1} - u_k) - (u_k - u_{k-1}) - V(u_k) = 0, k = 0, \pm 1, \pm 2, \dots$ (1)

where u_k is the displacement of the k -th atom from the equilibrium position in an undisturbed crystal subjected to an external shear stress. The force $V(u_k)$ is given by the expression

$$V(u_k) = \frac{1}{a} \left(\frac{\partial W}{\partial u} \right)_{u=u_k} - f.$$

A solution is sought for system (1) which represents a pair of dislocations with

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ACCESSION NR: AP5006833

opposite Burgers vectors. The solution must satisfy the conditions

$$A) \lim_{k \rightarrow \infty} u_k = C,$$

$$B) \lim_{k \rightarrow \infty} u_k = 0,$$

$$C) 0 \leq u_k \leq 1; \text{ there exists a number } k \text{ so that } u_k \leq u_{k+1}$$

$$\text{for } k < k_1$$

$$u_k \geq u_{k+1} \text{ for } k \geq k_1.$$

It was found that dislocations with opposite Burgers vectors attract one another with a force which is modified by Peierls stress as a result of the discrete atomic structure. The Peierls stress may be disregarded for close range dislocations, while for large distances ($\max u_k \approx 1$) this stress has a considerable effect on the behavior of the dislocations. Orig. art. has: 4 figures, 3 formulas.

ASSOCIATION: Institute of Solid State Physics, Czechosl. Acad. Sci., Prague

SUBMITTED: 28May64

ENCL: 01

SUB CODE: SS

NO REF SOV: 000

OTHER: 003

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L 64680-65

ACCESSION NR: AP5006833

ENCLOSURE: 01

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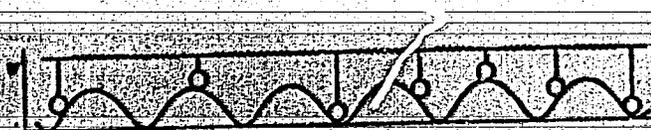


Fig. 1. Model of a pair of dislocations

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KRATOCHVIL, J.

Let us not forget to prepare machines for planting winter crops. p.310

MECHANISACE ZEMEDLSTVI. (Ministerstvo zemedelstvi) Praha

Vol. 5, no. 16, Aug. 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

KRATOCHVIL, J.; INDENBOM, V.L.

The mobility of a dislocation in the Frenkel-Kontorova model.
Chekhosl fiz zhurnal 13 no.11:814-821 '63.

1. Ustav fyziky pevných látek, Československá akademie věd,
Praha (for Kratochvil). 2. Ustav krystalografie, Akademie věd
SSSR, Moskva (for Indenbom).

KRATOCHVIL, J.

Local vibration of one-dimensional model of dislocation.
Chekhosl fiz zhurnal 14 no.5:328-336 '64.

1. Institute of Solid State Physics, Czechoslovak Academy of
Sciences, Prague 6, Cukrovarnicka 10.

L 38133-66 T/EMP(t)/STI IJP(c) JD/GG

ACC NR: AP6028685 SOURCE CODE: CZ/0026/66/011/002/0124/0132

AUTHOR: Kratochvil, Jan--Kratokhvil, Ya. (Prague) 43
3

ORG: Institute of Solid State Physics, CSAV, Prague (Ustav fyziky pevnych latek CSAV)

TITLE: Method of graphical solution of a one-dimensional model of dislocation in a crystal

SOURCE: Aplikace matematiky, v. 11, no. 2, 1966, 124-132

TOPIC TAGS: graphic technique, mathematic model, crystal dislocation

ABSTRACT: A graphical method is given for the solution of an infinite system of non-linear difference equations describing the distribution of atoms in a one-dimensional model of a crystal subjected to dislocation. The author thanks Dr. of Sciences I. Babuska, Dr. Sc. F. Kroup and Candidate of Sciences E. Vitaskova for valuable discussions and processing of the analysis. Orig art. has: 2 figures and 6 formulas.

[JPRS: 36,845]

SUB CODE: 20, 12 / SUBM DATE: 09Jun64 / ORIG REF: 004 / SOV REF:001 /OTH REF:002

Card 2/2 001/2

KRATOCHVIL, JIRI

CZ/4-60-5-9/32

AUTHORS: Leno, J., Engineer, Kratochvil, Jiri

TITLE: Automation of Conveying Processes. II. Program Control of Conveyers According to the Physiological Curve of Workers

PERIODICAL: Nová Technika, 1960, No. 5, pp. 214 - 215

TEXT: After a general introduction on the significance of automation of conveyance the authors deal with program control of assembly conveyers. In the CSR the Ústav hygieny práce a chorob z povolání (Institute for Hygiene of Work and Occupational Diseases) is occupied in respective research; precise examinations have shown that neither a constant speed, nor a constant operating time meet the requirements. Figure 1 shows the physiological curve of the output of work ~~achieved by~~ workers in dependence on time during an 8-hour shift. The program control permits an increase in output by 10.33%, expressed in the difference of the surfaces ABCDEFG and ABFG. The introduction of program control in at least 45 plants subordinated to the Ministries of Heavy and of General Mechanical Engineering will be effected during the Third Five-Year Plan. About 3 conveyer lines per plant will be installed, i.e. a total of about 135 conveyers. An average of 20 workers operate one conveyer line, working $135 \times 20 \times 2,200 = 6.10^6$ hours per year. The

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Automation of Conveying Processes. II. Program Control of Conveyers According to the Physiological Curve of Workers

costs of a program control equipment would amount to 2.10⁶ Kčs. The tariff class TKK = 3 valid for work at assembly conveyers provides wages of 4.40 Kčs per hour. The computation of savings made by use of program control of assembly conveyers follow, amounting to 5.454.10⁶ Kčs per year at an output increase by 10.33%, and 2.64.10⁶ Kčs per year at an output increase by 5%. Calculations on the amortization follow. The program control equipment developed by the Kovotechnna n.p. (Kovotechnna, People's Enterprise), working on the principle of punched cards, operates by means of predetermined numbers of mutually temporary variable units; a minimum of 32 variations per shift was recommended. Using a punched card of 80 columns the number of variations will suffice, including the possibility of marking pauses. Data on the necessary variations of speed at continuous conveyers and of changes in duration of stoppings at fixed-cycle conveyers follow. The continuous conveyer's punch card has 12 rows, 5 punches of each column are designed for time control, 7 punches serve for the adjustment of the corresponding speed of the d-c motor. By use of 7 rheostats of the geometrical progression with the quotient $q = 2$ in the binary code, 127 speeds are obtained. Figure 2 shows the block-schematic of program control of a continuous conveyer. The punch card for the control of fixed-cycle conveyers has

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CZ/4-60-5-9/35

Automation of Conveying Processes. II. Program Control of Conveyers According to the Physiological Curve of Workers

12 rows, too, 8 of which are designed for the time adjustment of stoppings. The equipment uses 8 binary relay circuits, the maximum number of impulses amounts to 2^8 . A step-by-step selector performs the repetition of identical cycles. Figure 3 shows its block-schematic. The equipment described may be attached to an electronic speed control unit or to the magnetic regulator of the d-c motor, produced by the ZPA Plant at Děčín. There are 3 diagrams.

ASSOCIATION: Kovotechna n.p. - Praha (Kovotechna, People's Enterprise, Prague)

Card 3/3

KRATOCHVIL, Jiri, inz. CSc.; VYBORA, Pavel, inz.

Contribution to the solution of relative depths of a water
jump. Vodohosp cas 12 no. 1: 117-121 '64.

1. Higher School of Technology, Brno.

Ward, Susan, dr. / 1968-1971, 1973, 1974

Therapeutic results in idiopathic thrombocytopenic purpura.
Sbornik lek. ii no. 11: 1971: 10-15.

1. I. vnitřní klinika lékařské fakulty Univerzity J.E. Purkyně
v Brně (přednosta prof. MUDr. S. Štejfánek)

S/196/62/000/016/011/011
E194/E155

AUTHORS: Kratochvil, Jiri, and Turek, Jiri

TITLE: Equipment for automatic setting of the magnitude of
(Czech) physical quantities as a function of time by means of
punched cards, particularly of electrical resistance
for controlling the speed of electric motors

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.16, 1962, 6, abstract 16 K 27 P. (Czech Patent
Cl. 21c, 46/54, no.99149, March 15, 1961).

TEXT: A device is proposed which uses a programme provided
by a combination of holes on a punched card which automatically
establishes values of resistance, capacitance, inductance and the
lik magnitudes which set and maintain the running speed of a
motor for a certain time, set by the same punched card. Then new
values are set and the speed is held for a new interval of time
and so on. Equipment for cards with 12 rows of holes (7 rows for
establishing values of potentiometer resistance and 5 rows for
establishing time intervals) consists of a calculating device with
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Equipment for automatic setting... S/196/62/000/016/011/011
E194/E155

electromagnetic displacement of the punched tape, 12 intermediate relays, a 30-position selector switch, 7 potentiometer resistance switching relays, 6 automatic relays, and time relays giving impulses of constant duration. The connection diagram of these relays makes it possible to set 127 values of electrical magnitudes and 30 values of time interval.

[Abstractor's note: Complete translation.]

Card 2/2

MRKOS, Dušan, Dr; KRATOCHVIL, JIří, Dr. /

Czechoslovakia

First Internal Medicine Clinic of the Medical Faculty
of the University J.E. Purkyně -- Brno (I. vnitřní
klinika lékařské fakulty university J. E. Purkyně
-- Brno); Head: M. ŠTĚJFA, Prof. MD. - (for all)

Prague, Vnitřní lékařství, No VIII-12, 1962, pp 1243-
1249

"Clinical Problems of Idiopathic Thrombocytopenic Purpura."

VRATOCHVIL, J.

Better utilization of fuels. p. 101. (Normalisace, Vol. 6, No. 5, May 1957,
Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

KRATCCHVIL, J.

Emergency ejection from airplanes. (To be contd.)

P. 16. (KRIDLA VLASTI.) (Praha, Czechoslovakia) No. 3, Feb. 1958

SO: Monthly Index of East European Accession (:EAI) LC. Vol. 7, No. 5, 1958

KRATOCHVIL, J.

"Forced abandonment of a plane.

p. 12 (Kridla Vlasti Vol. 4, no. 4, Feb. 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (FEAI) LC, Vol. 7, No. 6, June 1958

KRATOCHVIL, J.

KRATOCHVIL, J. Contemporary state in the development of the manufacture and study of glass fibers and the task for the immediate future. p. 7.

Vol. 4, no. 1, Jan. 1954
SKLAR A KERAMIK
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

KRATOCHVIL, J.

Shall we use glass yarn in our electric industry? p. 50.
SKLAD A KERANIK, Prague, Vol. 6, no. 3, Mar. 1956.

SO: Monthly List of East European Accessions, (EEAL), LI, Vol. 5, No. 6 June 1956, Uncl.

KRATOCHVIL, J.

New methods of production in bakeries. p. 254. Vol. 6, no. 5, 1955.
PRUMYSL POTRAVIN. Praha.

Source: East European Accessions List (EEAL), LC, VOL. 5, No. 3, March 1956.

KRATOCHVIL, J.

"Cerna, E. Weight losses during the manufacturing of Gouda cheese. p.569.

PRUMYSL POTRAVIN. Praha, Czechoslovakia. Vol. 9, no. 11, 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59 unclas